

Amendments to the Specification:

At page 5, lines 20-21, please amend the specification as follows:

FIGURE 5 is a flowchart that illustrates a method of testing a fuselage detail of the second-generation rule-based model according to an embodiment of the invention showing the invention's application of rules to locate ribs and bulkheads;

At page 5, lines 24-25, please amend the specification as follows:

FIGURE 7 is a screenshot showing the plan-view interaction with the model through a graphic user interface; and,

At page 5, lines 26-27, please amend the specification as follows:

FIGURES 8, 9, and 10 is a portion of a model of a fuselage generated by are flow charts of routines for generating an integrated element model according to an embodiment of the invention.

At page 5, after line 27, please insert the following:

FIGURE 9 is a model of an aircraft, generated by an embodiment of the invention;

FIGURE 10 is a screenshot generated by an embodiment of the invention; and

FIGURE 11 is another screenshot generated by an embodiment of the invention.

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- 2 -

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